

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: February 17, 2005, 12:55:24 ; Search time 18.9381 Seconds  
(without alignments)  
421.767 Million cell updates/sec

Title: US-09-766-535A-3

Perfect score: 557

Sequence: 1 DILLQSPAILSVSPGERVS.....COQSHSWPFTFGTGNLEVK 107

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:\*

1: /cgn2\_6/prodata/1/1aa/5A-COMB.pep:\*

2: /cgn2\_6/prodata/1/1aa/5B-COMB.pep:\*

3: /cgn2\_6/prodata/1/1aa/6A-COMB.pep:\*

4: /cgn2\_6/prodata/1/1aa/6B-COMB.pep:\*

5: /cgn2\_6/prodata/1/1aa/PCTUS-COMB.pep:\*

6: /cgn2\_6/prodata/1/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	557	100.0	107	1	US-08-192-102-3
2	557	100.0	107	1	US-08-324-799-3
3	557	100.0	107	2	US-08-192-861A-3
4	557	100.0	107	3	US-09-133-119-3
5	557	100.0	107	3	US-08-192-093A-3
6	557	100.0	107	4	US-09-756-301B-3
7	557	100.0	107	4	US-09-756-398B-3
8	506	90.8	107	2	US-08-232-081B-40
9	502	90.1	244	4	US-09-244-369B-1
10	502	90.1	244	4	US-09-940-391-1
11	500	89.8	239	2	US-07-956-399-4
12	498	89.4	240	2	US-07-956-399-2
13	496	89.0	106	1	US-08-326-362-4
14	494	88.7	107	2	US-08-476-176B-4
15	494	88.7	107	3	US-08-127-721A-4
16	494	88.7	107	3	US-08-485-246A-4
17	490	88.0	106	2	US-08-800-198-4
18	490	88.0	106	3	US-09-296-595-4
19	490	88.0	240	2	US-08-800-198-8
20	490	88.0	240	3	US-09-296-595-8
21	472	84.7	143	2	US-08-653-402B-8
22	436	78.3	107	1	US-08-436-463-20
23	436	78.3	108	4	US-09-232-290-27
24	436	78.3	109	1	US-07-942-245-4
25	433	77.7	107	1	US-08-107-669D-1
26	433	77.7	107	1	US-08-472-788A-1
27	433	77.7	107	2	US-08-477-531B-1

28	433	77.7	107	2	US-08-082-842A-1	Sequence 1, Appli
29	427	76.7	127	1	US-08-436-463-4	Sequence 4, Appli
30	424	76.1	107	1	US-07-634-278-62	Sequence 62, Appli
31	424	76.1	107	1	US-08-477-728-62	Sequence 62, Appli
32	424	76.1	107	1	US-08-474-040-62	Sequence 62, Appli
33	424	76.1	107	1	US-08-487-200-62	Sequence 62, Appli
34	424	76.1	107	3	US-08-484-537-62	Sequence 83, Appli
35	424	76.1	127	1	US-07-634-278-83	Sequence 83, Appli
36	424	76.1	127	1	US-08-477-728-83	Sequence 83, Appli
37	424	76.1	127	1	US-08-474-040-83	Sequence 83, Appli
38	424	76.1	127	1	US-08-487-200-83	Sequence 83, Appli
39	424	76.1	127	3	US-08-484-537-83	Sequence 83, Appli
40	421	75.6	127	2	US-08-476-176B-6	Sequence 6, Appli
41	421	75.6	127	3	US-08-127-721A-6	Sequence 6, Appli
42	421	75.6	127	3	US-08-485-246A-6	Sequence 6, Appli
43	420	75.4	127	1	US-08-436-463-18	Sequence 18, Appli
44	419	75.2	108	3	US-09-247-352-1	Sequence 1, Appli
45	419	75.2	108	4	US-09-466-635-1	Sequence 1, Appli

## ALIGNMENTS

RESULT 1  
US-08-192-102-3  
; Sequence 3, Application US/08192102  
; Patent No. 5656272  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter E.  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott A.  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,102  
; FILING DATE: 04-FEB-1994  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,093  
; FILING DATE: 04-FEB-1994  
; APPLICATION NUMBER: US 08/013,413  
; FILING DATE: 02-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/010,406  
; FILING DATE: 29-JAN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/943,852  
; FILING DATE: 11-SEP-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/853,606  
; FILING DATE: 18-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/670,827  
; FILING DATE: 18-MAR-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brook, David E.  
; REGISTRATION NUMBER: 22,592

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; REFERENCE/DOCKET NUMBER: NYU93-01M3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-192-102-3

Query Match          100.0%; Score 557; DB 1; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.6e-46; Indels 0; Gaps 0;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVFSFCRASQFVGSSIHMYQORTNGSPRLLIKAYASEMSGIPS 60
DB 1 DILLTQSPAILSVSPGERVFSFCRASQFVGSSIHMYQORTNGSPRLLIKAYASEMSGIPS 60

QY 61 RFGSGSGTDFTLISINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
DB 61 RFGSGSGTDFTLISINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 2
US-08-324-799-3
; Sequence 3, Application US/08324799
; Patent No. 5698195
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/324,799
; FILING DATE: 18-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-324-799-3

Query Match          100.0%; Score 557; DB 1; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.6e-46; Indels 0; Gaps 0;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVFSFCRASQFVGSSIHMYQORTNGSPRLLIKAYASEMSGIPS 60
DB 1 DILLTQSPAILSVSPGERVFSFCRASQFVGSSIHMYQORTNGSPRLLIKAYASEMSGIPS 60

QY 61 RFGSGSGTDFTLISINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
DB 61 RFGSGSGTDFTLISINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 3
US-08-192-861A-3
; Sequence 3, Application US/08192861A
; Patent No. 5919452
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: METHODS OF TREATING TNF-MEDIATED DISEASE USING
; TITLE OF INVENTION: CHIMERIC ANTI-TNF ANTIBODIES (As Amended)
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,861A
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
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/ FILING DATE: 18-MAR-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/670,827
/ FILING DATE: 18-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brook, David E.
/ REGISTRATION NUMBER: 22,592
/ REFERENCE/DOCKET NUMBER: NYU93-01M2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (781) 861-6240
/ TELEFAX: (781) 861-9540
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 107 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-08-192-861A-3

Query Match 100.0%; Score 557; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.6e-46;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLIIKYASESMGIPS 60
DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLIIKYASESMGIPS 60

QY 61 RFGSGSGTDFLTSLINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
DB 61 RFGSGSGTDFLTSLINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 4
US-09-113-119-3
/ Sequence 3, Application US/09133119
/ Patent No. 627969
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter E.
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott A.
/ TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/133,119
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/570,674
/ FILING DATE: 11-DEC-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/324,799
/ FILING DATE: 18-OCT-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,093
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,102
/ FILING DATE: 04-FEB-1994
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/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,861
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/013,413
/ FILING DATE: 02-FEB-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/010,406
/ FILING DATE: 29-JAN-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/943,852
/ FILING DATE: 11-SEP-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/853,606
/ FILING DATE: 18-MAR-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/670,827
/ FILING DATE: 18-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brook, David E.
/ REGISTRATION NUMBER: 22,592
/ REFERENCE/DOCKET NUMBER: NYU93-01M4A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 107 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-09-133-119-3

Query Match 100.0%; Score 557; DB 3; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.6e-46;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLIIKYASESMGIPS 60
DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLIIKYASESMGIPS 60

QY 61 RFGSGSGTDFLTSLINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
DB 61 RFGSGSGTDFLTSLINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 5
US-08-192-093A-3
/ Sequence 3, Application US/08192093A
/ Patent No. 6284471
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter E.
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott A.
/ TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING
/ TITLE OF INVENTION: ANTI-TNF ANTIBODIES
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
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/ APPLICATION NUMBER: US/08/192,093A
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/013,413
/ FILING DATE: 02-FEB-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/010,406
/ FILING DATE: 29-JAN-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/943,852
/ FILING DATE: 11-SEP-1992
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/853,606
/ FILING DATE: 18-MAR-1992
/ APPLICATION DATA:
/ APPLICATION NUMBER: US 07/670,827
/ FILING DATE: 18-MAR-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brook, David E.
/ REGISTRATION NUMBER: 22,592
/ REFERENCE/DOCKET NUMBER: NYU93-01M3
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 107 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/ US-08-192-093A-3

Query Match
Best Local Similarity 100.0%; Score 557; DB 3; Length 107;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSIIHWYQORTNGSPRLIKYASESMGIPSS 60
Db 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSIIHWYQORTNGSPRLIKYASESMGIPSS 60

Qy 61 RFGSGSGTDTLSINTVSEDIADYYCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLSINTVSEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 6
US-09-756-301B-3
/ Sequence 3, Application US/09/756301B
/ Patent No. 6790444
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Grayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ FILE REFERENCE: 0975.1005-008
/ CURRENT APPLICATION NUMBER: US/09/756,301B
/ CURRENT FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/853,606
/ PRIOR FILING DATE: 1992-03-18
/ PRIOR APPLICATION NUMBER: U.S. 07/670,827
/ PRIOR FILING DATE: 1991-03-18
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 107
/ TYPE: PRT

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Db 1 DILLTQSPAILSVSPGERVSFSCRSQFVGSIIHWYQORTNGSPRLIKYASESMGIPSS 60

Qy 61 RFGSGSGTDTLSINTVSEDIADYYCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLSINTVSEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 7
US-09-756-398B-3
/ Sequence 3, Application US/09756398B
/ Patent No. 6835823
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Grayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ FILE REFERENCE: 0975.1005-006
/ CURRENT APPLICATION NUMBER: US/09/756,398B
/ CURRENT FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/853,606
/ PRIOR FILING DATE: 1992-03-18
/ PRIOR APPLICATION NUMBER: U.S. 07/670,827
/ PRIOR FILING DATE: 1991-03-18
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 107
/ TYPE: PRT
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; ORGANISM: Mus Balb/c  
US-09-756-398B-3

Query Match 100.0%; Score 557; DB 4; Length 107;  
Best Local Similarity 100.0%; Pred. No. 6.6e-46; Indels 0; Gaps 0;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
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Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
  
QY 61 RPSGSGGTDFTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107  
Db 61 RPSGSGGTDFTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

## RESULT 8

US-08-232-081B-40  
; Sequence 40, Application US/08232081B  
; Patent No. 5886152

; GENERAL INFORMATION:  
; APPLICANT: NAKATANI, TOMOYUKI  
; APPLICANT: GOMI, HIDEYUKI  
; APPLICANT: WIDENES, JOHN  
; APPLICANT: NOGUCHI, HIROSHI  
; TITLE OF INVENTION: HUMANIZED B-B10  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: BIRCH, STEWART, KOLASCH AND BIRCH  
; STREET: PO BOX 747  
; CITY: FALLS CHURCH  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22040-0747

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/232,081B  
; FILING DATE:

; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SVENSSON, LEONARD R  
; REGISTRATION NUMBER: 30,330  
; REFERENCE/DOCKET NUMBER: 20-3484  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 205-8000  
; TELEFAX: (703) 205-8050  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 107 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-232-081B-40

Query Match 90.8%; Score 506; DB 2; Length 107;  
Best Local Similarity 89.7%; Pred. No. 4.7e-41; Indels 0; Gaps 0;  
Matches 96; Conservative 7; Mismatches 4; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
  
QY 61 RPSGSGGTDFTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107  
Db 61 RPSGSGGTDFTLSINTVESEDIADYYCQSHSWPFTFGAGTKLEK 107

## RESULT 9

US-09-244-369B-1

; Sequence 1, Application US/09244369B  
; Patent No. 6418338

; GENERAL INFORMATION:  
; APPLICANT: Barbera-Guillem, Emilio  
; TITLE OF INVENTION: Method for detecting and surgically removing lymphoid tissue inv  
; TITLE OF INVENTION: tumor progression  
; FILE REFERENCE: Phy-01  
; CURRENT APPLICATION NUMBER: US/09/244,369B  
; PRIOR FILING DATE: 1999-02-04  
; PRIOR APPLICATION NUMBER: US 60/073,882  
; PRIOR FILING DATE: 1998-02-06  
; PRIOR APPLICATION NUMBER: US 60/077,970  
; PRIOR FILING DATE: 1998-03-13  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1  
; LENGTH: 244  
; TYPE: PRT  
; ORGANISM: Mus sp.  
US-09-244-369B-1

Query Match 90.1%; Score 502; DB 4; Length 244;  
Best Local Similarity 88.8%; Pred. No. 2.8e-40; Indels 0; Gaps 0;  
Matches 95; Conservative 7; Mismatches 5; Indels 0; Gaps 0;  
  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
Db 135 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 194  
  
QY 61 RPSGSGGTDFTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107  
Db 195 RPSGSGGTDFTLSINTVESEDIADYYCQHTNSWPTTGGGKLEIK 241

## RESULT 10

US-09-940-391-1  
; Sequence 1, Application US/09940391  
; Patent No. 6760612

; GENERAL INFORMATION:  
; APPLICANT: Barbera-Guillem, Emilio  
; TITLE OF INVENTION: Method for detecting lymphoid tissue involved in tumor progressi  
; FILE REFERENCE: Phy-03  
; CURRENT APPLICATION NUMBER: US/09/940,391  
; CURRENT FILING DATE: 2001-08-27  
; PRIOR APPLICATION NUMBER: 09/244,369  
; PRIOR FILING DATE: 1999-02-04  
; PRIOR APPLICATION NUMBER: 60/077,970  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/073,882  
; PRIOR FILING DATE: 1998-02-06  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1  
; LENGTH: 244  
; TYPE: PRT  
; ORGANISM: Mus sp.  
US-09-940-391-1

Query Match 90.1%; Score 502; DB 4; Length 244;  
Best Local Similarity 88.8%; Pred. No. 2.8e-40; Indels 0; Gaps 0;  
Matches 95; Conservative 7; Mismatches 5; Indels 0; Gaps 0;  
  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60  
Db 135 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 194  
  
QY 61 RPSGSGGTDFTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107  
Db 195 RPSGSGGTDFTLSINTVESEDIADYYCQHTNSWPTTGGGKLEIK 241

## RESULT 11

US-07-956-399-4

; Sequence 4, Application US/07956399  
; Patent No. 5876717  
; GENERAL INFORMATION:  
; APPLICANT: SHIMAMURA, TOSHIRO  
; APPLICANT: TAKI, SHINSUKE  
; APPLICANT: HAMURO, JUNJI  
; TITLE OF INVENTION: POLYPEPTIDES CAPABLE OF BINDING TO HEAVY  
; CHAINS OF IL-2 RECEPTORS  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 1755 S. Jefferson Davis Highway, Suite 400  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/956,399  
; FILING DATE: 19921005  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oblon, No. 5876717man F.  
; REGISTRATION NUMBER: 24,618  
; REFERENCE/DOCKET NUMBER: 10-586-0  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 413-3000  
; TELEFAX: (703) 413-2220  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 239 amino acids  
; TYPE: AMINO ACID  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-07-956-399-4

Query Match 89.8%; Score 500; DB 2; Length 239;  
Best Local Similarity 88.8%; Pred. No. 4.2e-40;  
Matches 95; Conservative 7; Mismatches 5; Indels 0; Gaps 0;  
  
Qy 1 DILLTQSPAILSVSPGERVSCRSASQFVGSIIHWYQORTNGSPRLIKYASESMGIPS 60  
Db 2 DILLTQSPAILSVSPGERVSCRSASQFVGSIIHWYQORTNGSPRLIKYASESMGIPS 61  
  
Qy 61 RFGSGSGTDTLSTINVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
Db 62 RFGSGSGTDTLSTINVESEDIADYCCQSHSWPFTFGSGTKLEK 108  
  
RESULT 12  
US-07-956-399-2  
; Sequence 2, Application US/07956399  
; Patent No. 5876717  
; GENERAL INFORMATION:  
; APPLICANT: SHIMAMURA, TOSHIRO  
; APPLICANT: TAKI, SHINSUKE  
; APPLICANT: HAMURO, JUNJI  
; TITLE OF INVENTION: POLYPEPTIDES CAPABLE OF BINDING TO HEAVY  
; CHAINS OF IL-2 RECEPTORS  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 1755 S. Jefferson Davis Highway, Suite 400  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.

; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/956,399  
; FILING DATE: 19921005  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oblon, No. 5876717man F.  
; REGISTRATION NUMBER: 24,618  
; REFERENCE/DOCKET NUMBER: 10-586-0  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 413-3000  
; TELEFAX: (703) 413-2220  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 240 amino acids  
; TYPE: AMINO ACID  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-07-956-399-2

Query Match 89.4%; Score 498; DB 2; Length 240;  
Best Local Similarity 87.9%; Pred. No. 6.6e-40;  
Matches 94; Conservative 8; Mismatches 5; Indels 0; Gaps 0;  
  
Qy 1 DILLTQSPAILSVSPGERVSCRSASQFVGSIIHWYQORTNGSPRLIKYASESMGIPS 60  
Db 2 DILLTQSPAILSVSPGERVSCRSASQFVGSIIHWYQORTNGSPRLIKYASESMGIPS 61  
  
Qy 61 RFGSGSGTDTLSTINVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
Db 62 RFGSGSGTDTLSTINVESEDIADYCCQSHSWPFTFGSGTKLEK 108  
  
RESULT 13  
US-08-326-362-4  
; Sequence 4, Application US/08326362  
; Patent No. 5730981  
; GENERAL INFORMATION:  
; APPLICANT: Bosslet, Klaus  
; APPLICANT: Seeman, Gerhard  
; APPLICANT: Dippold, Wolfgang  
; TITLE OF INVENTION: Monoclonal Anti-Ganglioside Antibody,  
; TITLE OF INVENTION: Its Preparation and Use as a Tumortherapeutic Agent  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
; ADDRESSEE: Dunner  
; STREET: 1300 I Street, N.W., Suite 700  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3315  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/326,362  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/032,863  
; FILING DATE: 17-MAR-1993  
; APPLICATION NUMBER: DE P 42 08 795.3  
; FILING DATE: 19-MAR-1992  
; ATTORNEY/AGENT INFORMATION:

NAME: Binaudi, Carol P.  
REGISTRATION NUMBER: 32,220  
REFERENCE/DOCKET NUMBER: 02481-1276-00000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-408-4000  
TELEFAX: 202-408-4400  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 106 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-326-362-4

Query Match 89.0%; Score 496; DB 1; Length 106;  
Best Local Similarity 87.7%; Pred. No. 4.1e-40;  
Matches 93; Conservative 9; Mismatches 4; Indels 0; Gaps 0;  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
QY 61 RFGSGSGTDFTLNINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 106  
DB 61 RFGSGSGTDFTLNINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 106

RESULT 14  
US-08-476-176B-4  
Sequence 4, Application US/08476176B  
Patent No. 5958708  
GENERAL INFORMATION:  
APPLICANT: Hardman, No. 5958708man  
APPLICANT: Kolbinger, Frank  
APPLICANT: Saldanha, Jose  
TITLE OF INVENTION: Reshaped monoclonal antibodies against an  
TITLE OF INVENTION: immunoglobulin isotype  
NUMBER OF SEQUENCES: 55  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 5958708artis Patent Department  
STREET: 59 Route 10  
CITY: East Hanover  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07936-1080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/476,176B  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/127,721  
FILING DATE: 27-SEPTEMBER-1993  
APPLICATION NUMBER: US 07/952,802  
FILING DATE: 25-SEPTEMBER-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5958708ak, Henry P.  
REGISTRATION NUMBER: 33,200  
REFERENCE/DOCKET NUMBER: 4-19276/A/P2/CIP  
TELEPHONE: (908) 277-5110  
TELEFAX: (908) 277-4306  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-476-176B-4

Query Match 88.7%; Score 494; DB 2; Length 107;  
Best Local Similarity 86.9%; Pred. No. 6.5e-40;  
Matches 93; Conservative 9; Mismatches 5; Indels 0; Gaps 0;  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
QY 61 RFGSGSGTDFTLNINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 107  
DB 61 RFGSGSGTDFTLNINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 15  
US-08-127-721A-4  
Sequence 4, Application US/08127721A  
Patent No. 6066718  
GENERAL INFORMATION:  
APPLICANT: Hardman, No. 6066718man  
APPLICANT: Kolbinger, Frank  
APPLICANT: Saldanha, Jose  
TITLE OF INVENTION: Reshaped monoclonal antibodies against an  
TITLE OF INVENTION: immunoglobulin isotype  
NUMBER OF SEQUENCES: 55  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6066718artis Patent and Trademark Department  
STREET: 59 Route 10  
CITY: East Hanover  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07936-1080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/127,721A  
FILING DATE: 27-SEPTEMBER-1993  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/952,802  
FILING DATE: 25-SEPTEMBER-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6066718ak, Henry P.  
REGISTRATION NUMBER: 33,200  
REFERENCE/DOCKET NUMBER: 4-19276/A/P2/CIP  
TELEPHONE: (908) 277-5110  
TELEFAX: (908) 277-4306  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-127-721A-4

Query Match 88.7%; Score 494; DB 3; Length 107;  
Best Local Similarity 86.9%; Pred. No. 6.5e-40;  
Matches 93; Conservative 9; Mismatches 5; Indels 0; Gaps 0;  
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DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYESMSGIPS 60  
QY 61 RFGSGSGTDFTLNINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 107  
DB 61 RFGSGSGTDFTLNINVSSEDIADYCCQSHSWPFTFGSGTNLEVK 107

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Job time : 21.9381 secs

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GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: February 17, 2005, 13:05:20 ; Search time 85.2212 Seconds  
(without alignments)  
410.869 Million cell updates/sec

Title: US-09-766-535A-3

Perfect score: 557

Sequence: 1 DILLQSPAILSVSGERVS.....CQSHSWPTFGSGTNLEVK 107

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Searched: 1380268 seqs, 327241040 residues

Total number of hits satisfying chosen parameters: 1380268

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:\*

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- 2: /cgn2\_6/prodata/1/pubpaa/US07\_PUBCOMB.pep:\*
- 3: /cgn2\_6/prodata/1/pubpaa/US06\_NEW\_PUB.pep:\*
- 4: /cgn2\_6/prodata/1/pubpaa/US06\_PUBCOMB.pep:\*
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- 8: /cgn2\_6/prodata/1/pubpaa/US08\_PUBCOMB.pep:\*
- 9: /cgn2\_6/prodata/1/pubpaa/US09\_PUBCOMB.pep:\*
- 10: /cgn2\_6/prodata/1/pubpaa/US09\_PUBCOMB.pep:\*
- 11: /cgn2\_6/prodata/1/pubpaa/US09\_PUBCOMB.pep:\*
- 12: /cgn2\_6/prodata/1/pubpaa/US09\_PUBCOMB.pep:\*
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- 15: /cgn2\_6/prodata/1/pubpaa/US10\_PUBCOMB.pep:\*
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- 19: /cgn2\_6/prodata/1/pubpaa/US60\_NEW\_PUB.pep:\*
- 20: /cgn2\_6/prodata/1/pubpaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Match	Length	ID	Description
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2	557	100.0	107	9	US-09-927-703-3
3	557	100.0	107	9	US-09-766-535A-3
4	557	100.0	107	9	US-09-756-161A-3
5	557	100.0	107	10	US-09-756-398B-3
6	557	100.0	107	10	US-09-897-724-3
7	557	100.0	107	13	US-10-010-229-3
8	557	100.0	107	13	US-10-043-450-3
9	557	100.0	107	13	US-10-044-534-3
10	557	100.0	107	14	US-10-043-432-3
11	557	100.0	107	14	US-10-208-145-3
12	557	100.0	107	14	US-10-198-845-3
13	557	100.0	107	14	US-10-227-488-3

14	557	100.0	107	14	US-10-187-121-3	Sequence 3, Appli
15	557	100.0	107	14	US-10-176-460-3	Sequence 3, Appli
16	557	100.0	107	14	US-10-186-559-3	Sequence 3, Appli
17	557	100.0	107	14	US-10-371-961-3	Sequence 3, Appli
18	557	100.0	107	14	US-10-200-795-3	Sequence 3, Appli
19	557	100.0	107	14	US-10-319-011-3	Sequence 3, Appli
20	557	100.0	107	14	US-10-371-443-3	Sequence 3, Appli
21	557	100.0	107	14	US-10-379-866-3	Sequence 3, Appli
22	557	100.0	107	15	US-10-371-962-3	Sequence 3, Appli
23	557	100.0	107	15	US-10-384-060-31	Sequence 31, Appli
24	557	100.0	107	16	US-10-665-971-3	Sequence 3, Appli
25	557	100.0	107	16	US-10-637-759-3	Sequence 3, Appli
26	557	100.0	107	16	US-10-774-118-3	Sequence 3, Appli
27	557	100.0	226	15	US-10-411-037-42	Sequence 42, Appli
28	557	100.0	226	15	US-10-411-026-42	Sequence 42, Appli
29	557	100.0	226	15	US-10-410-962-42	Sequence 42, Appli
30	557	100.0	226	15	US-10-411-049-42	Sequence 42, Appli
31	557	100.0	226	16	US-10-410-930-42	Sequence 42, Appli
32	557	100.0	226	16	US-10-410-997-42	Sequence 42, Appli
33	557	100.0	226	16	US-10-411-012-42	Sequence 42, Appli
34	557	100.0	226	16	US-10-287-994-42	Sequence 42, Appli
35	557	100.0	226	16	US-10-410-913-42	Sequence 42, Appli
36	557	100.0	226	17	US-10-410-980-42	Sequence 42, Appli
37	557	100.0	240	15	US-10-384-060-27	Sequence 27, Appli
38	502	90.1	107	15	US-10-239-656-28	Sequence 28, Appli
39	502	90.1	108	15	US-10-239-656-38	Sequence 38, Appli
40	502	90.1	108	15	US-10-412-703A-129	Sequence 129, App
41	502	90.1	242	15	US-10-336-210-9	Sequence 9, Appli
42	502	90.1	244	9	US-09-940-391-1	Sequence 1, Appli
43	502	90.1	244	15	US-10-336-210-8	Sequence 8, Appli
44	502	90.1	510	15	US-10-239-656-48	Sequence 48, Appli
45	502	90.1	510	15	US-10-239-656-49	Sequence 49, Appli

#### ALIGNMENTS

RESULT 1  
US-09-756-301A-3  
; Sequence 3, Application US/09756301A  
; Patent No. US20010027249A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junning  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-008  
; CURRENT APPLICATION NUMBER: US/09/756,301A  
; CURRENT FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18

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; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-756-301A-3

Query Match      100.0%; Score 557; DB 9; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWHYQOQTNGSPRLLIKAYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWHYQOQTNGSPRLLIKAYASEMSGIPS 60

Qy 61 RFSGSGSGTDTLTSINTVSEDIADYYCQQSHSWPFTFGSGTNLEVK 107
Db 61 RFSGSGSGTDTLTSINTVSEDIADYYCQQSHSWPFTFGSGTNLEVK 107

RESULT 2
US-09-927-703-3
; Sequence 3, Application US/09927703
; Patent No. US20020022720A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-927-703-3

Query Match      100.0%; Score 557; DB 9; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWHYQOQTNGSPRLLIKAYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWHYQOQTNGSPRLLIKAYASEMSGIPS 60

Qy 61 RFSGSGSGTDTLTSINTVSEDIADYYCQQSHSWPFTFGSGTNLEVK 107
Db 61 RFSGSGSGTDTLTSINTVSEDIADYYCQQSHSWPFTFGSGTNLEVK 107

RESULT 3
US-09-766-535A-3
; Sequence 3, Application US/09766535A
; Patent No. US20020106372A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-010
; CURRENT APPLICATION NUMBER: US/09/766,535A
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-766-535A-3

Query Match      100.0%; Score 557; DB 9; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWHYQOQTNGSPRLLIKAYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWHYQOQTNGSPRLLIKAYASEMSGIPS 60

Qy 61 RFSGSGSGTDTLTSINTVSEDIADYYCQQSHSWPFTFGSGTNLEVK 107
Db 61 RFSGSGSGTDTLTSINTVSEDIADYYCQQSHSWPFTFGSGTNLEVK 107

RESULT 4
US-09-756-161A-3
; Sequence 3, Application US/09756161A
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; Patent No. US20020132307A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-007
; CURRENT APPLICATION NUMBER: US/09/756,161A
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-007
; CURRENT APPLICATION NUMBER: US/09/756,161A
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/09/756,398B
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119

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; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
; US-09-756-398B-3

Query Match 100.0%; Score 557; DB 10; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASESMGIPS 60
Qy 61 RFGSGSGCTDFTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGCTDFTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 6
US-09-897-724-3
; Sequence 3, Application US/09897724
; Publication No. US20030175837A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-012
; CURRENT APPLICATION NUMBER: US/09/897,724
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3

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; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-897-724-3

Query Match      100.0%; Score 557; DB 10; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60

Qy 61 RFGSGSGTDFTLISINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDFTLISINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 7
US-10-010-229-3
; Sequence 3, Application US/10010229
; Publication No. US20020114805A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/010,229
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US/09/927,703
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-010-229-3

Query Match      100.0%; Score 557; DB 13; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60

Qy 61 RFGSGSGTDFTLISINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDFTLISINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 8
US-10-043-450-3
; Sequence 3, Application US/10043450
; Publication No. US20020141996A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/043,450
; CURRENT FILING DATE: 2002-01-10
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; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-043-450-3

Query Match      100.0%; Score 557; DB 13; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60

Qy 61 RFGSGSGTDFTLISINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDFTLISINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 9
US-10-044-534-3
; Sequence 3, Application US/10044534
; Publication No. US20020146419A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/044,534
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
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; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02  
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 ; PRIOR FILING DATE: 1992-03-18  
 ; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 3  
 ; LENGTH: 107  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-10-044-534-3

Query Match 100.0%; Score 557; DB 13; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60  
 Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60  
 Qy 61 RFGSGSGTDFTLTNTVSESDIADYCCQSHSWPFTFGSGTNLEVK 107  
 Db 61 RFGSGSGTDFTLTNTVSESDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 10  
 US-10-043-432-3  
 ; Sequence 3, Application US/10043432  
 ; Publication No. US200300540041  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junning  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Ghayeb, John  
 ; APPLICANT: Knight, David M.  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 ; FILE REFERENCE: 0975.1005-013  
 ; CURRENT APPLICATION NUMBER: US/10/043,432  
 ; PRIOR FILING DATE: 2002-01-10  
 ; PRIOR APPLICATION NUMBER: 09/927,703  
 ; PRIOR FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: U.S. 09/756,398  
 ; PRIOR FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11  
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 ; PRIOR FILING DATE: 1994-10-18  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02

; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 ; PRIOR FILING DATE: 1992-03-18  
 ; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 ; PRIOR FILING DATE: 1991-03-18  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 3  
 ; LENGTH: 107  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-10-043-432-3

Query Match 100.0%; Score 557; DB 14; Length 107;  
 Best Local Similarity 100.0%; Pred. No. 6.8e-45;  
 Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60  
 Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIIHWYQORTNGSPRLIIKYASEMSGIPS 60  
 Qy 61 RFGSGSGTDFTLTNTVSESDIADYCCQSHSWPFTFGSGTNLEVK 107  
 Db 61 RFGSGSGTDFTLTNTVSESDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 11  
 US-10-208-145-3  
 ; Sequence 3, Application US/10208145  
 ; Publication No. US20030133935A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junning  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Ghayeb, John  
 ; APPLICANT: Knight, David M.  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 ; FILE REFERENCE: 0975.1005-006  
 ; CURRENT APPLICATION NUMBER: US/10/208,145  
 ; PRIOR FILING DATE: 2002-07-29  
 ; PRIOR APPLICATION NUMBER: US/09/756,398  
 ; PRIOR FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11  
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 ; PRIOR FILING DATE: 1994-10-18  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02  
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 3  
 ; LENGTH: 107  
 ; TYPE: PRT  
 ; ORGANISM: Mus Balb/c  
 US-10-208-145-3

Query Match 100.0%; Score 557; DB 14; Length 107;

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Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRSQVVGSSIHVYQORTNGSPRLLIKVASMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSFSCRSQVVGSSIHVYQORTNGSPRLLIKVASMSGIPS 60

Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQQSHSWPFTFGSGTNLEVK 107

RESULT 12
US-10-198-845-3
; Sequence 3, Application US/10198845
; Publication No. US200301444841
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/09/756,398
; CURRENT FILING DATE: 2002-07-18
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-198-845-3

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Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQQSHSWPFTFGSGTNLEVK 107
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RESULT 13
US-10-227-488-3
; Sequence 3, Application US/10227488
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Publication No. US20030147891A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-025
; CURRENT APPLICATION NUMBER: US/10/227,488
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: U.S. 09/766,535
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-227-488-3

Query Match 100.0%; Score 557; DB 14; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 RFGSGSGTDTLTSINTVESEDIADYYCQQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLTSINTVESEDIADYYCQQSHSWPFTFGSGTNLEVK 107

RESULT 14
US-10-187-121-3
; Sequence 3, Application US/10187121
; Publication No. US20030175275A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/187,121
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; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-187-121-3

Query Match          100.0%; Score 557; DB 14; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYASEMSGIPS 60
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Db 61 RPSGSGGTDFTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 15
US-10-176-460-3
; Sequence 3, Application US/10176460
; Publication No. US20030176676A1
; GENERAL INFORMATION:
; APPLICANT: Vileck, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Chrayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/176,460
; CURRENT FILING DATE: 2002-06-20
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
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; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-176-460-3

Query Match          100.0%; Score 557; DB 14; Length 107;
Best Local Similarity 100.0%; Pred. No. 6.8e-45;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYASEMSGIPS 60
Db 1 DILLTQSPAILSVSGERVSPFCRASQFVGSSIHVYQORTNGSPRLLIKAYASEMSGIPS 60

QY 61 RPSGSGGTDFTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
Db 61 RPSGSGGTDFTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

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Job time : 88.2212 secs
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GenCore version 5.1.6  
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: February 17, 2005, 12:55:24 ; Search time 21.0619 Seconds  
(without alignments)  
421.767 Million cell updates/sec

Title: US-09-766-535A-5  
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Sequence: 1 EVKLEESGGLVQPGSMK.....RNYGSTDYWGQGTTLTVS 119

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Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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4: /cgn2\_6/prodata/1/aaa/6B\_COMB.pep:\*  
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6: /cgn2\_6/prodata/1/aaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	636	100.0	119	3	US-09-133-119-5
5	636	100.0	119	3	US-08-192-093A-5
6	636	100.0	119	4	US-09-756-3018-5
7	636	100.0	119	4	US-09-756-398B-5
8	519	81.6	122	3	US-08-483-749A-2
9	509	80.0	120	3	US-08-767-128-28
10	507	79.7	114	3	US-08-483-749A-10
11	504.5	79.3	119	3	US-08-767-128-26
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14	487	76.6	242	2	US-08-926-789-14
15	487	76.6	242	3	US-09-166-750-23
16	487	76.6	242	3	US-09-166-093-23
17	487	76.6	242	3	US-09-172-019-23
18	487	76.6	242	3	US-09-166-094-23
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22	487	76.6	244	3	US-09-166-093-13
23	487	76.6	244	3	US-09-172-019-13
24	487	76.6	244	3	US-09-166-094-13
25	487	76.6	244	4	US-09-443-213-13
26	487	76.6	244	5	PCT-US93-11138-14
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30	487	76.6	250	3	US-09-172-019-15	Sequence 15, Appl
31	487	76.6	250	3	US-09-166-094-15	Sequence 15, Appl
32	487	76.6	250	4	US-09-443-213-15	Sequence 15, Appl
33	487	76.6	253	2	US-08-392-338A-17	Sequence 17, Appl
34	487	76.6	253	3	US-09-166-750-17	Sequence 17, Appl
35	487	76.6	253	3	US-09-166-093-17	Sequence 17, Appl
36	487	76.6	253	3	US-09-172-019-17	Sequence 17, Appl
37	487	76.6	253	3	US-09-166-094-17	Sequence 17, Appl
38	487	76.6	253	4	US-09-443-213-17	Sequence 17, Appl
39	483	75.9	118	4	US-09-232-290-58	Sequence 58, Appl
40	478	75.2	242	6	5455030-17	Patent No. 5455030
41	478	75.2	242	6	5455030-17	Patent No. 5455030
42	478	75.2	285	3	US-09-318-661-4	Sequence 4, Appl
43	478	75.2	285	4	US-09-883-758-4	Sequence 4, Appl
44	471	74.1	115	1	US-08-468-661-1	Sequence 1, Appl
45	471	74.1	115	1	US-08-466-272A-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1  
US-08-192-102-5  
; Sequence 5, Application US/08192102  
; Patent No. 5656272  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter E.  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott A.  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,102  
; FILING DATE: 04-FEB-1994  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,093  
; FILING DATE: 04-FEB-1994  
; APPLICATION NUMBER: US 08/013,413  
; FILING DATE: 02-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/010,406  
; FILING DATE: 29-JAN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/943,852  
; FILING DATE: 11-SEP-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/853,606  
; FILING DATE: 18-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/670,827  
; FILING DATE: 18-MAR-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brook, David E.  
; REGISTRATION NUMBER: 22,592

```
; REFERENCE/DOCKET NUMBER: NYU93-01M3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-192-102-5

Query Match 100.0%; Score 636; DB 1; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55; Indels 0; Gaps 0;
Matches 119; Conservative 0; Mismatches 0;

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US-08-324-799-5
; Sequence 5, Application US/08324799
; Patent No. 5698195
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 18-OCT-1994
; APPLICATION NUMBER: US/08/324,799
; PRIOR APPLICATION DATA:
; FILING DATE: 04-FEB-1994
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 08/192,102
; PRIOR APPLICATION DATA:
; FILING DATE: 04-FEB-1994
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-324-799-5

Query Match 100.0%; Score 636; DB 1; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55; Indels 0; Gaps 0;
Matches 119; Conservative 0; Mismatches 0;

Qy 1 EVKLEESGGGLVQPGGSMKLSVASGFIFSNHNMWVRQSPKGLWVAEIRSKSINSAT 60
Db 1 EVKLEESGGGLVQPGGSMKLSVASGFIFSNHNMWVRQSPKGLWVAEIRSKSINSAT 60

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RESULT 3
US-08-192-861A-5
; Sequence 5, Application US/08192861A
; Patent No. 5919452
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: METHODS OF TREATING TNF-MEDIATED DISEASE USING
; TITLE OF INVENTION: CHIMERIC ANTI-TNF ANTIBODIES (As Amended)
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 04-FEB-1994
; APPLICATION NUMBER: US/08/192,861A
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
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; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-192-861A-5

Query Match 100.0%; Score 636; DB 2; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EVKLEESGGGLVQPGGSKLSCVAGGFIFSNHMMNVRQSPKGLWVAEIRSKINSAT 60
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RESULT 4
US-09-133-119-5
; Sequence 5, Application US/09133119
; Patent No. 6277969
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/133,119
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/570,674
; FILING DATE: 11-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/324,799
; FILING DATE: 18-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-133-119-5

Query Match 100.0%; Score 636; DB 3; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSKLSCVAGGFIFSNHMMNVRQSPKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSKLSCVAGGFIFSNHMMNVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRFTISRDDSKSAVLTQMTDLRTEDTGVYCSRNYYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRFTISRDDSKSAVLTQMTDLRTEDTGVYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 5
US-08-192-093A-5
; Sequence 5, Application US/08192093A
; Patent No. 6284471
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/08/192,093A
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NTU93-01M3
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-192-093A-5

Query Match 100.0%; Score 636; DB 3; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLESGLVQPGGSKLSCVASGFIFSNHNMWVROSPEKGLEWVAIRSKINSAT 60
DB 1 EVKLESGLVQPGGSKLSCVASGFIFSNHNMWVROSPEKGLEWVAIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDGVYCSRNYYGTYDYGQGTTLTVS 119
DB 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDGVYCSRNYYGTYDYGQGTTLTVS 119

RESULT 6
US-09-756-301B-5
; Sequence 5, Application US/09756301B
; Patent No. 6790444
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-008
; CURRENT APPLICATION NUMBER: US/09/756,301B
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
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; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-756-301B-5

Query Match 100.0%; Score 636; DB 4; Length 119;
Best Local Similarity 100.0%; Pred. No. 2.6e-55;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLESGLVQPGGSKLSCVASGFIFSNHNMWVROSPEKGLEWVAIRSKINSAT 60
DB 1 EVKLESGLVQPGGSKLSCVASGFIFSNHNMWVROSPEKGLEWVAIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDGVYCSRNYYGTYDYGQGTTLTVS 119
DB 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDGVYCSRNYYGTYDYGQGTTLTVS 119

RESULT 7
US-09-756-398B-5
; Sequence 5, Application US/09756398B
; Patent No. 6835823
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/09/756,398B
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
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RESULT 10  
US-08-483-749A-10  
; Sequence 10, Application US/08483749A  
; Patent No. 6054561  
; GENERAL INFORMATION:  
; APPLICANT: RING, DAVID B.  
; TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY  
; TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS  
; NUMBER OF SEQUENCES: 33  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CHIRON CORPORATION  
; STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097  
; CITY: EMERYVILLE  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94662-8097  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/483,749A  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SAVEREIDE, PAUL B.  
; REGISTRATION NUMBER: 36,914  
; REFERENCE/DOCKET NUMBER: 0508.008  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (510) 601-2585  
; TELEFAX: (510) 655-3542  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 114 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-483-749A-10

Query Match 79.7%; Score 507; DB 3; Length 114;  
Best Local Similarity 79.8%; Pred. No. 1.2e-42;  
Matches 95; Conservative 10; Mismatches 8; Indels 6; Gaps 1;  
Qy 1 EVKLEESGGGLVQPGGSMKLSVAVLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 60  
Db 1 EVKLEESGGGLVQPGGSMKLSVAVLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 60  
Qy 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 119  
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 113

RESULT 11  
US-08-767-128-26  
; Sequence 26, Application US/08767128  
; Patent No. 6111079  
; GENERAL INFORMATION:  
; APPLICANT: WYLIE, DWANE E.  
; APPLICANT: LOPEZ, OSVALDO  
; APPLICANT: MURRAY, PETER JOSEPH  
; APPLICANT: GOEBEL, PETER  
; TITLE OF INVENTION: LEAD BINDING POLYPEPTIDES AND  
; TITLE OF INVENTION: NUCLEOTIDES CODING THEREFORE  
; NUMBER OF SEQUENCES: 46  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Merchants, Gould, Smith, Edell, Welter & Schmidt  
; STREET: 3100 No. 6111079west Center, 90 South Seventh St  
; CITY: Minneapolis  
; STATE: MN  
; COUNTRY: USA

ZIP: 55402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/767,128  
; FILING DATE:  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE: 04-DEC-1996  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US96/09258  
; FILING DATE: 05-JUN-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/541,373  
; FILING DATE: 10-OCT-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/462,798  
; FILING DATE: 05-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Carter, Charles G.  
; REGISTRATION NUMBER: 35,093  
; REFERENCE/DOCKET NUMBER: 8648.49USF1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 612/371-5278  
; TELEFAX: 612/332-9081  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 26:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 119 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: internal  
; ORIGINAL SOURCE:  
US-08-767-128-26

Query Match 79.3%; Score 504.5; DB 3; Length 119;  
Best Local Similarity 81.5%; Pred. No. 2.2e-42;  
Matches 97; Conservative 7; Mismatches 14; Indels 1; Gaps 1;  
Qy 1 EVKLEESGGGLVQPGGSMKLSVAVLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 60  
Db 1 EVKLEESGGGLVQPGGSMKLSVAVLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 59  
Qy 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 119  
Db 60 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 118

RESULT 12  
US-08-224-591-14  
; Sequence 14, Application US/08224591  
; Patent No. 5856456  
; GENERAL INFORMATION:  
; APPLICANT: Whitlow, Marc  
; APPLICANT: Filpula, David  
; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
; STREET: 1100 New York Avenue, Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/224,591
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 242 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-224-591-14

Query Match 76.6%; Score 487; DB 2; Length 242;
Best Local Similarity 74.8%; Pred. No. 2.7e-40;
Matches 89; Conservative 16; Mismatches 12; Indels 2; Gaps 1;

QY 1 EVKLEESGGLVQPGSKMLSCVAGFTFSNNHMMWVRSPEKGLWVAETRSKINSAT 60
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
126 EVKLDETGGGLVQPGRPKMLSCVAGFTFSNNHMMWVRSPEKGLWVAETRSKINSAT 185
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYSYDYWGQGTTLTVS 119
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
186 YYSDSVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYSYDYWGQGTTLTVS 242

RESULT 13
US-08-392-338A-23
; Sequence 23, Application US/08392338A
; Patent No. 5869620
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/392,338A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.0030007
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 242 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-392-338A-23

Query Match 76.6%; Score 487; DB 2; Length 242;
Best Local Similarity 74.8%; Pred. No. 2.7e-40;
Matches 89; Conservative 16; Mismatches 12; Indels 2; Gaps 1;

QY 1 EVKLEESGGLVQPGSKMLSCVAGFTFSNNHMMWVRSPEKGLWVAETRSKINSAT 60
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
126 EVKLDETGGGLVQPGRPKMLSCVAGFTFSNNHMMWVRSPEKGLWVAETRSKINSAT 185
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYSYDYWGQGTTLTVS 119
Db |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
186 YYSDSVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYSYDYWGQGTTLTVS 242

RESULT 14
US-08-926-789-14
; Sequence 14, Application US/08926789
; Patent No. 590275
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/926,789
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/224,591
; FILING DATE:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
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; LENGTH: 242 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-926-789-14

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[illegible]

RESULT 15  
 US-09-166-750-23  
 ; Sequence 23, Application US/09166750  
 ; Patent No. 6025165  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Whitlow, Marc  
 ; APPLICANT: Wood, James F.  
 ; APPLICANT: Hardman, Karl  
 ; APPLICANT: Bird, Robert  
 ; APPLICANT: Filpula, David  
 ; APPLICANT: Rollence, Michelle  
 ; TITLE OF INVENTION: Methods for Producing Multivalent Antigen-Binding  
 ; TITLE OF INVENTION: Proteins  
 ; NUMBER OF SEQUENCES: 23  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
 ; STREET: 1100 New York Avenue, NW  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: U.S.A.  
 ; ZIP: 20005  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/166,750  
 ; FILING DATE: Herewith  
 ; CLASSIFICATION:  
 ; PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/392,338  
 ; FILING DATE: 22-FEB-1995  
 ; PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER: US 07/989,846  
 ; FILING DATE: 20-NOV-1992  
 ; PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER: US 07/796,936  
 ; FILING DATE: 25-NOV-1991  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Goldstein, Jorge A.  
 ; REGISTRATION NUMBER: 29,021  
 ; REFERENCE/DOCKET NUMBER: 0977.003000C  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (202) 371-2600  
 ; TELEFAX: (202) 371-2540  
 ; INFORMATION FOR SEQ ID NO: 23:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 242 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 US-09-166-750-23

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Query Match          76.6%; Score 487; DB 3; Length 242;
Best Local Similarity 74.8%; Pred. No. 2.7e-40;
Matches            89; Conservative 16; Mismatches 12; Indels 2; Gaps 1;

Qy      1 EVKLESGGGLVOPGGSMKLSCVASGFIFSNHMMNVROSPEKGLEHWAEIRSKSINSAT    60
        |||||:::|||||:::|||||:::|||||:::|||||:::|||||:::|||||:::|||||
Db      126 EVKLDSTGGGLVOPGRPKMLSCVASGFITSDYMNWVRQSPKEGLEHWAIQRKNPYET    185
        |||||:::|||||:::|||||:::|||||:::|||||:::|||||:::|||||:::|||||

Qy      61 HVAESYKGRFTISRDDSKSAVLQMQLDRTEDTGYYCSRNYYGSTYDYWGQQTTLTVS    119
        :||:::||:::||:::||:::||:::||:::||:::||:::||:::||:::||:::||
Db      186 YYSDSYKGRFTISRDDSKSSVYLQNNLRAVEDNGIYYCTGSYYG--MDYWGGQTSVTVS    242

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Search completed: February 17, 2005, 13:08:22  
Job time : 22.0619 secs



GenCore version 5.1.6  
Copyright (c) 1993 - 2005 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: February 17, 2005, 13:05:20 ; Search time 94.7788 Seconds  
(without alignments)  
410.869 Million cell updates/sec

Title: US-09-766-535A-5

Perfect score: 636

Sequence: 1 EVKLESGGLVQPGSGMKL.....RNYGSTVYWGQGTTLTVS 119

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1380268 seqs, 327241040 residues

Total number of hits satisfying chosen parameters: 1380268

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:\*

- 1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*
- 2: /cgn2\_6/ptodata/1/pubpaa/US06\_PCT\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/ptodata/1/pubpaa/US05\_NEW\_PUB.pep.\*
- 4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep.\*
- 5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep.\*
- 6: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*
- 7: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep.\*
- 8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep.\*
- 9: /cgn2\_6/ptodata/1/pubpaa/US09A\_PUBCOMB.pep.\*
- 10: /cgn2\_6/ptodata/1/pubpaa/US09B\_PUBCOMB.pep.\*
- 11: /cgn2\_6/ptodata/1/pubpaa/US09C\_PUBCOMB.pep.\*
- 12: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB.pep.\*
- 13: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep.\*
- 14: /cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep.\*
- 15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep.\*
- 16: /cgn2\_6/ptodata/1/pubpaa/US10D\_PUBCOMB.pep.\*
- 17: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep.\*
- 18: /cgn2\_6/ptodata/1/pubpaa/US11\_NEW\_PUB.pep.\*
- 19: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep.\*
- 20: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	636	100.0	119	9	US-09-756-301A-5
2	636	100.0	119	9	US-09-927-703-5
3	636	100.0	119	9	US-09-766-535A-5
4	636	100.0	119	9	US-09-756-161A-5
5	636	100.0	119	10	US-09-756-398B-5
6	636	100.0	119	10	US-09-897-724-5
7	636	100.0	119	13	US-10-010-229-5
8	636	100.0	119	13	US-10-043-450-5
9	636	100.0	119	13	US-10-044-534-5
10	636	100.0	119	14	US-10-043-432-5
11	636	100.0	119	14	US-10-208-145-5
12	636	100.0	119	14	US-10-198-845-5
13	636	100.0	119	14	US-10-227-488-5

14	636	100.0	119	14	US-10-187-121-5	Sequence 5, Appli
15	636	100.0	119	14	US-10-176-460-5	Sequence 5, Appli
16	636	100.0	119	14	US-10-186-559-5	Sequence 5, Appli
17	636	100.0	119	14	US-10-371-961-5	Sequence 5, Appli
18	636	100.0	119	14	US-10-200-795-5	Sequence 5, Appli
19	636	100.0	119	14	US-10-319-011-5	Sequence 5, Appli
20	636	100.0	119	14	US-10-371-443-5	Sequence 5, Appli
21	636	100.0	119	14	US-10-379-866-5	Sequence 5, Appli
22	636	100.0	119	15	US-10-371-962-5	Sequence 5, Appli
23	636	100.0	119	15	US-10-384-060-29	Sequence 29, Appli
24	636	100.0	119	16	US-10-665-971-5	Sequence 5, Appli
25	636	100.0	119	16	US-10-637-759-5	Sequence 5, Appli
26	636	100.0	119	16	US-10-774-118-5	Sequence 5, Appli
27	636	100.0	226	15	US-10-411-037-42	Sequence 42, Appli
28	636	100.0	226	15	US-10-411-026-42	Sequence 42, Appli
29	636	100.0	226	15	US-10-410-962-42	Sequence 42, Appli
30	636	100.0	226	15	US-10-411-049-42	Sequence 42, Appli
31	636	100.0	226	16	US-10-410-930-42	Sequence 42, Appli
32	636	100.0	226	16	US-10-410-997-42	Sequence 42, Appli
33	636	100.0	226	16	US-10-411-012-42	Sequence 42, Appli
34	636	100.0	226	16	US-10-287-994-42	Sequence 42, Appli
35	636	100.0	226	16	US-10-410-913-42	Sequence 42, Appli
36	636	100.0	226	17	US-10-410-980-42	Sequence 42, Appli
37	636	100.0	240	15	US-10-384-060-27	Sequence 27, Appli
38	550	86.5	120	16	US-10-338-552-3	Sequence 3, Appli
39	550	86.5	120	16	US-10-338-627-3	Sequence 3, Appli
40	545	85.7	120	16	US-10-338-552-7	Sequence 7, Appli
41	545	85.7	120	16	US-10-338-627-7	Sequence 7, Appli
42	529	83.2	256	15	US-10-239-656-61	Sequence 61, Appli
43	529	83.2	503	15	US-10-239-656-77	Sequence 77, Appli
44	522.5	82.2	123	14	US-10-160-506-69	Sequence 69, Appli
45	522.5	82.2	123	16	US-10-449-379-69	Sequence 69, Appli

ALIGNMENTS

RESULT 1  
US-09-756-301A-5  
; Sequence 5, Application US/09756301A  
; Patent No. US20010027249A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junning  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-008  
; CURRENT APPLICATION NUMBER: US/09756,301A  
; CURRENT FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18

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; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-756-301A-5

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	Query Match	100.0%	Score 636;	DB 9;	Length 119;
	Best Local Similarity	100.0%;	Pred. No. 1.1e-49;		
	Matches 119;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	EVKLEESGGGLVQPGGSKMLSCVASGIFPSNHNWNVQRQSPKGLEWVAEIRSKINSAT	60		
Db	1	EVKLEESGGGLVQPGGSKMLSCVASGIFPSNHNWNVQRQSPKGLEWVAEIRSKINSAT	60		
Qy	61	HYAESVKGRTTISRDDSKSAVYLQMTDLRTEDTGVYICSRNYYGSTDYDYGQGTTLTVS	119		
Db	61	HYAESVKGRTTISRDDSKSAVYLQMTDLRTEDTGVYICSRNYYGSTDYDYGQGTTLTVS	119		

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RESULT 2
US-09-927-703-5
; Sequence 5, Application US/09927703
; Patent No. US20020022720A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor

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Query Match 100.0%; Score 636; DB 9; Length 119;  
Best Local Similarity 100.0%; Pred. No. 1.1e-49;

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Qy	1	EVKLEESGGGLVQPGGSMKLS	CVASG	IFNFHNNWNRQ	SPKEGLEWVAETRSKSI	INSAT	60			
Db	1	EVKLEESGGGLVQPGGSMKLS	CVASG	IFNFHNNWNRQ	SPKEGLEWVAETRSKSI	INSAT	60			
Qy	61	HYAESVKGRTTIGRDSKSA	VLQMTDLRTEDTG	VYVYCSRN	YGVSTVDYMGQGT	TLTVS	119			
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RESULT 3
US-09-766-535A-5
; Sequence 5, Application US/09766535A
; Patent No. US20020106372A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vileek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Stiegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies an
; TITLE OF INVENTION: Human Tumor Necrosis
; FILE REFERENCE: 0975-1005-010
; CURRENT APPLICATION NUMBER: US/09/766,535A
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-766-535A-5

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	Query Match	100.0%;	Score 636;	DB 9;	Length 119;
	Best Local Similarity	100.0%;	Pred. No. 1.1e-49;		
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QY	1	EVKLESGGGLVQPGGSMKLS	CVASGFIPTSNHMMWVROS	PEKGLEWAEIRKS	INSAT 60
Db	1	EVKLESGGGLVQPGGSMKLS	CVASGFIPTSNHMMWVROS	PEKGLEWAEIRKS	INSAT 60
QY	61	HYAESYKGRFTISRDDSKSA	VILQMTDLRTDTEGVYCS	RNYGSIYDYGQGTTLT	TVS 119
Db	61	HYAESYKGRFTISRDDSKSA	VILQMTDLRTDTEGVYCS	RNYGSIYDYGQGTTLT	TVS 119

RESULT 4  
US-09-756-161A-5  
; Sequence 5, Application US/09756161A

Patent No. US20020132307A1  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junming  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter  
 APPLICANT: Ghayeb, John  
 APPLICANT: Knight, David M.  
 TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
 FILE REFERENCE: 0975.1005-007  
 CURRENT APPLICATION NUMBER: US/09/756,161A  
 PRIOR FILING DATE: 2001-01-08  
 PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 PRIOR FILING DATE: 1998-08-12  
 PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 PRIOR FILING DATE: 1995-12-11  
 PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 PRIOR FILING DATE: 1994-10-18  
 PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
 FILE REFERENCE: 0975.1005-006  
 CURRENT APPLICATION NUMBER: US/09/756,398B  
 PRIOR FILING DATE: 2001-01-08  
 PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 PRIOR FILING DATE: 1998-08-12  
 PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 PRIOR FILING DATE: 1995-12-11  
 PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 PRIOR FILING DATE: 1994-10-18  
 PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 PRIOR FILING DATE: 1993-01-29  
 PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 PRIOR FILING DATE: 1993-02-02  
 PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 PRIOR FILING DATE: 1992-09-11  
 PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 PRIOR FILING DATE: 1992-03-18  
 PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 5  
 LENGTH: 119  
 TYPE: PRT  
 ORGANISM: Mus Balb/c  
 US-09-756-161A-5

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 Best Local Similarity 100.0%; Pred. No. 1.1e-49;  
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 DB 1 EVKLEESGGLVQPGSMKLSVASGTFPSNHNHNNWVQSPKGLWVAEIRKSKINSAT 60  
 QY 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYGSTDYWGQGTTLTVS 119  
 DB 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYGSTDYWGQGTTLTVS 119

RESULT 5  
 US-09-756-398B-5  
 Sequence 5, Application US/09756398B  
 Publication No. US20030017584A1  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junming  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter  
 APPLICANT: Ghayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott  
 TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
 FILE REFERENCE: 0975.1005-006  
 CURRENT APPLICATION NUMBER: US/09/756,398B  
 PRIOR FILING DATE: 2001-01-08  
 PRIOR APPLICATION NUMBER: U.S. 09/133,119

PRIOR FILING DATE: 1998-08-12 08/570,674  
 PRIOR APPLICATION NUMBER: U.S.  
 PRIOR FILING DATE: 1995-12-11 08/324,799  
 PRIOR APPLICATION NUMBER: U.S.  
 PRIOR FILING DATE: 1994-10-18 08/192,102  
 PRIOR APPLICATION NUMBER: U.S.  
 PRIOR FILING DATE: 1994-02-04 08/192,861  
 PRIOR APPLICATION NUMBER: U.S.  
 PRIOR FILING DATE: 1994-02-04 08/192,093  
 PRIOR APPLICATION NUMBER: U.S.  
 PRIOR FILING DATE: 1994-02-04 08/010,406  
 PRIOR APPLICATION NUMBER: U.S.  
 PRIOR FILING DATE: 1993-01-29 08/013,413  
 PRIOR APPLICATION NUMBER: U.S.  
 PRIOR FILING DATE: 1993-02-02 07/943,852  
 PRIOR APPLICATION NUMBER: U.S.  
 PRIOR FILING DATE: 1992-09-11 07/853,606  
 PRIOR APPLICATION NUMBER: U.S.  
 PRIOR FILING DATE: 1992-03-18 07/670,827  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 5  
 LENGTH: 119  
 TYPE: PRT  
 ORGANISM: Mus Balb/c  
 US-09-756-398B-5

Query Match 100.0%; Score 636; DB 10; Length 119;  
 Best Local Similarity 100.0%; Pred. No. 1.1e-49;  
 Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGLVQPGSMKLSVASGTFPSNHNHNNWVQSPKGLWVAEIRKSKINSAT 60  
 DB 1 EVKLEESGGLVQPGSMKLSVASGTFPSNHNHNNWVQSPKGLWVAEIRKSKINSAT 60  
 QY 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYGSTDYWGQGTTLTVS 119  
 DB 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYGSTDYWGQGTTLTVS 119

RESULT 6  
 US-09-897-724-5  
 Sequence 5, Application US/09897724  
 Publication No. US20030175837A1  
 GENERAL INFORMATION:  
 APPLICANT: Le, Junming  
 APPLICANT: Vilcek, Jan  
 APPLICANT: Daddona, Peter  
 APPLICANT: Ghayeb, John  
 APPLICANT: Knight, David M.  
 APPLICANT: Siegel, Scott  
 TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
 FILE REFERENCE: 0975.1005-012  
 CURRENT APPLICATION NUMBER: US/09/897,724  
 PRIOR FILING DATE: 2001-07-02  
 PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 PRIOR FILING DATE: 1993-01-29  
 PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 PRIOR FILING DATE: 1993-02-02  
 PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 PRIOR FILING DATE: 1992-09-11  
 PRIOR APPLICATION NUMBER: U.S. 07/853,606  
 PRIOR FILING DATE: 1992-03-18  
 PRIOR APPLICATION NUMBER: U.S. 07/670,827  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 5

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/ LENGTH: 119
/ TYPE: PRT
/ ORGANISM: Mus Balb/c
US-09-897-724-5

Query Match      100.0%; Score 636; DB 10; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNNWVRQSPKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNNWVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 7
US-10-010-229-5
/ Sequence 5, Application US/10010229
/ Publication No. US20020114805A1
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ FILE OF INVENTION: Human Tumor Necrosis Factor
/ CURRENT APPLICATION NUMBER: US/10/010,229
/ PRIOR FILING DATE: 2001-12-07
/ PRIOR APPLICATION NUMBER: US/09/927,703
/ PRIOR FILING DATE: 2001-08-10
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 5
/ LENGTH: 119
/ TYPE: PRT
/ ORGANISM: Mus Balb/c
US-10-010-229-5

Query Match      100.0%; Score 636; DB 13; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNNWVRQSPKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNNWVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 8
US-10-043-450-5
/ Sequence 5, Application US/10043450
/ Publication No. US20020141996A1
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ FILE OF INVENTION: Human Tumor Necrosis Factor
/ CURRENT APPLICATION NUMBER: US/10/043,450
/ PRIOR FILING DATE: 2002-01-10
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/ PRIOR APPLICATION NUMBER: 09/927,703
/ PRIOR FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: U.S. 09/756,398
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ PRIOR APPLICATION NUMBER: U.S. 07/853,606
/ PRIOR FILING DATE: 1992-03-18
/ PRIOR APPLICATION NUMBER: U.S. 07/670,827
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 5
/ LENGTH: 119
/ TYPE: PRT
/ ORGANISM: Mus Balb/c
US-10-043-450-5

Query Match      100.0%; Score 636; DB 13; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNNWVRQSPKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNNWVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 9
US-10-044-534-5
/ Sequence 5, Application US/10044534
/ Publication No. US20020146419A1
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ FILE OF INVENTION: Human Tumor Necrosis Factor
/ FILE REFERENCE: 0975.1005-013
/ CURRENT APPLICATION NUMBER: US/10/044,534
/ CURRENT FILING DATE: 2002-01-10
/ PRIOR APPLICATION NUMBER: 09/927,703
/ PRIOR FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: U.S. 09/756,398
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
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; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-044-534-5

Query Match      100.0%; Score 636; DB 13; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGSMKLSVASGFIFSNHNMWVRQSPKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGSMKLSVASGFIFSNHNMWVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGKFTISRDDSKSAVLTQMDLTEDTGVYCSRNYGSTDYWGQGTTLTWS 119
Db 61 HYAESVKGKFTISRDDSKSAVLTQMDLTEDTGVYCSRNYGSTDYWGQGTTLTWS 119

RESULT 10
US-10-043-432-5
; Sequence 5, Application US/10043432
; Publication No. US20030054004A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Chrayeb, John M.
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/043,432
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-043-432-5

Query Match      100.0%; Score 636; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGSMKLSVASGFIFSNHNMWVRQSPKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGSMKLSVASGFIFSNHNMWVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGKFTISRDDSKSAVLTQMDLTEDTGVYCSRNYGSTDYWGQGTTLTWS 119
Db 61 HYAESVKGKFTISRDDSKSAVLTQMDLTEDTGVYCSRNYGSTDYWGQGTTLTWS 119

RESULT 11
US-10-208-145-5
; Sequence 5, Application US/10208145
; Publication No. US20030133935A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Chrayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/208,145
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-208-145-5

Query Match      100.0%; Score 636; DB 14; Length 119;

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; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-187-121-5

Query Match 100.0%; Score 636; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EVKLEESGGGLVQPGGSMKLSKVASGTFPSNHNMMWVRQSPKGLWVAEIRSKINSAT 60

QY 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGYYICSRNYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGYYICSRNYGSTDYWGQGTTLTVS 119

RESULT 15
US-10-176-460-5
; Sequence 5, Application US/10176460
; Publication No. US20030176676A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilecek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Chrayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNP Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/176,460
; CURRENT FILING DATE: 2002-06-20
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861

; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-10-176-460-5

Query Match 100.0%; Score 636; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.1e-49;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSMKLSKVASGTFPSNHNMMWVRQSPKGLWVAEIRSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSMKLSKVASGTFPSNHNMMWVRQSPKGLWVAEIRSKINSAT 60

QY 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGYYICSRNYGSTDYWGQGTTLTVS 119
Db 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGYYICSRNYGSTDYWGQGTTLTVS 119

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